

# VIP-NET-0802PP-1G

1G Media Hub – 8 Port 1000Base-T, 2 Port 1000Base-X SFP w/PoE+, TAA-compliant



The **VIP-NET-0802PP-1G** Managed PoE Network Switch provides flexible CAT/Fiber connectivity based on a new generation of PureStream IP Video solutions. Designed to work reliably with PureLink’s various VIP transmitters (encoders) and receivers (decoders), the VIP-NET 1G Series is purpose-built to enhance performance and simplify the management of IP video matrix switching systems.

## Key Features

- Purpose designed for Video Over IP
- Plug and Play out of the box
- Jumbo Frame
- IGMP v1/v2/v3 Snooping
- IGMP Querier
- Layer 2 with Layer 3 Static Routing
- PoE+
- TAA Compliant

## Technical Specifications

### Port Configuration

10M/100M/1G RJ45 PORT	8
GBE RJ45/SFP COMBO PORT	2
TOTAL PORTS	10

### PoE Function

IEEE802.3at (PoE+ 30W)	Y
IEEE802.3af (POE 15.4W)	Y
PoE PORT	8
AVAILABLE PoE POWER	130W

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## HW Performance

SWITCHING BANDWIDTH	20Gbps
FORWARDING PERFORMANCE	14.9Mpps
MAC ADDRESS	8K
JUMBO FRAMES	9216 Bytes

## Environmental Specification

OPERATING TEMPERATURE	0°C to 40°C
OPERATING HUMIDITY	10 to 90% RH
STORAGE TEMPERATURE	-20°C to 70°C
STORAGE HUMIDITY	10 to 90% RH

## Mechanical Specification

DIMENSIONS	44mm x 220mm x 242mm
WEIGHT	2.1 Kg
FAN LESS	Y

## Power Source

AC INPUT	100V-240V
DC INPUT	--
DUAL INPUT	--

## Certifications

EN61000-4-5 (FOR RJ45 PORT, SURGE 6KV)	Y
CERTIFICATIONS	CE/FCC Class A Others by Request

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## L2 Switching

SPANNING TREE	IEEE802.1D (STP)	Y
	IEEE802.1W (RSTP)	Y
	IEEE802.1S (MSTP)	Y
VLAN	802.1Q VLAN	Y
	Port-Based	Y
	VLAN Entries	4K
	Private VLAN	Y
	Voice VLAN	Y
	Guest VLAN	Y
	Q-in-Q	Y
	802.1v Protocol VLAN	Y
	MAC-Based VLAN	Y
IP Subnet-Based VLAN	Y	
IEEE 802.3ad LACP	Dynamic Trunk	Y
	Static Trunk	Y
GARP/GVRP	--	
IGMP SNOOPING	Y	
MLD SNOOPING	--	
MULTICAST VLAN REGISTRATION (MVR)	Y	

## L3 Features

STATIC ROUTE	Y
DHCP SERVER	Y

## QoS Features

CLASS OF SERVICE	Port Based	Y
	802.1p	Y
	DSCP	Y
	TCP/UDP Port	Y
RATE LIMITING	Ingress	Y
	Egress	Y
PRIORITY QUEUE SCHEDULING	WRR	Y
HARDWARE QUEUES	Stri Priority	Y
		8

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## Security

ACLs	L2/L3/L4	Y
	IPv6 Support	Y
PORT SECURITY (MAC-BASED)	Y	
IP SOURCE GUARD	Y	
STORM CONTROL	Y	
RADIUS AUTHENTICATION 802.1x	Y	
TACACS+ AUTHENTICATION	--	
HTTPs AND SSL (SECURED WEB)	Y	
BPDU GUARD	Y	
STP ROOT GUARD	Y	
DHCP SNOOPING	Y	
LOOP PROTECTION	Y	

## Management

DHCP	Client	Y
	Relay	--
	Option 66	Y
	Option 67	Y
	Option 82	--
EVENT/ERROR LOG	Syslog	Y
	SMTP (RFC821)	Y
MANAGEMENT ACCESS FILTERING	SNMP	Y
	Web UI	Y
	Telnet	--
	SSH	--
PoE MANAGEMENT	Scheduling	Y
	Auto-Checking	Y
	Power Delay	Y
	Soft-Reboot PoE Non-stop	--
SNMP (v1, v2c, v3)		Y
RMON (1,2,3 & 9 GROUPS)		Y
SOFTWARE UPGRADE		Y
CONFIGURATION EXPORT/IMPORT		Y
PORT MIRRORING		Y
LLDP (IEEE802.1AB)		Y
LLDP-MED (IEEE802.1AB)		Y
CDP AWARE		Y
IPv6 MANAGEMENT		Y
NTP		Y